

PUMP STATION MECHANIC

Full-Time

City of Council Bluffs

JOB TITLE: Pump Station Mechanic

DEPARTMENT: Public Works

SUPERVISOR: Pump Stations Supervisor

General Statement of Duties:

- Performs highly skilled mechanical work in the operation of Pump Station Facilities of the Public Works Sewer Division; does other related work as required.

Distinguishing Features of the Class:

- An employee in this class is responsible for the continuous operation and maintenance of all the Sanitary and Storm Water Pump Station Facilities during regularly scheduled and extended hours of operations. An employee in this class is distinguished from a Plant Maintenance Mechanic and Equipment Mechanic by the skill utilized in performing complex mechanical tasks related to specialized pump equipment found in a Pump Station. Work is performed in accordance with procedures outlined by the Superintendent and Supervisor to whom unusual and/or emergency problems are referred. Supervision may be exercised over laborers working with them.

Essential Job Functions: (Illustrative only)

- Performs daily inspections and operational checks of pump station operations
- Repairs and performs maintenance of pump station equipment
- Records labor and parts used in performing tasks into the computerized EAM system on a daily basis
- Completes detailed inspection sheets of pump station operations and maintenance utilizing Public Works Operations Enterprise Asset Management System (EAM)
- Checks and assures the proper operation and maintenance of automated and manual mechanical trash rack collection systems - both sanitary and storm stations
- Assures the proper operation of trash compaction systems in sanitary stations
- Dumps, cleans, and assures waste from trash systems is disposed of properly
- Maintains the continuous operation of both electrical and diesel driven pumps in sanitary and storm stations
- Performs preventive maintenance and repair of pump station equipment as per OEM and pump station division requirements and procedures
- Overhauls and repairs various sized pumps and drive systems

- Takes storm pump stations and gates in and out of service as needed in accordance with river levels
- Keeps all equipment clean & lubricated
- Maintains heating and cooling systems within stations
- Maintains odor control monitoring systems, liquid, and filtered systems
- Performs safety monitoring (gas levels) and stand-by duties when others are working in confined space/hazardous atmosphere
- Paints and performs minor building repairs
- Maintains inventories required in the daily maintenance and extended maintenance of pump station facilities
- Participates in snow removal operations
- Attends training and safety courses

Required Knowledge, Skills and Abilities:

- Considerable knowledge and skill in the operation and maintenance of pump station facilities
- Good knowledge and mechanical ability in the functions and servicing of mechanical equipment - both electrical and diesel driven
- Ability to operate efficiently and safely all equipment and machinery used in pump stations operations

Physical Requirements:

- The ability to stand from 51% to 75% of the time; to reach overhead, bend, stoop, walk, and lift from 26% to 50% of the time; and to climb, balance, squat, kneel, crouch, crawl, push, pull, type, and sit up to 25% of the time; ability to use up to fifty (50) pounds of force to move objects up to 33% of the time; to use up to twenty (20) pounds of force to move objects from 34% to 66% of the time; and to use up to ten (10) pounds of force to move objects from 67% to 100% of the time; ability to work both in and out of doors in all weather conditions, in high places, in confined spaces, in dusty environments, in high noise levels
- Must have the ability and be willing to respond to work requests and emergencies during non-work hours, including nights and weekends

Acceptable Experience and Training:

- High School Diploma or GED
- A combination of education and experience which provides the required knowledge, skills, and abilities
- Must possess a valid Iowa Driver's License.
- Within one year's employment, incumbent must obtain a grade 1 Wastewater Collection System Certification
- Within one year of employment, incumbent must obtain a Backflow Preventer Operation and Maintenance Certification

Must become resident of the State of Iowa within two years of appointment.

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